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( Not for submission under 37 CFR 1.99)

Application Number		10578090		
Filing Date		2007-01-22		
First Named Inventor	Yechezkel Barenholz			
Art Unit		1612		
Examiner Name	G. S. Kishore			
Attorney Docket Number		BARENHOLZ=17		

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	1	20030026831	A1	2003-02-06	Lakkaraju et al.				
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	1	93/14744	wo	A1	1993-08-05	Barchfeld et al.			
	2	02/064109	wo	A2	2002-08-22	Whittle et al.			

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	3	02/089771	wo	A1	2002-11-14	Fossheim		
	4	2451846	CA	A1	2003-01-09	Ohsugi et al.		
	5	0287198	EP	A2	1988-10-19	Lichtenberger		
	6	99/40906	wo	A2	1999-08-19	Guivarc'H et al.		
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	1	Baczynaska et al., "Surface Charge and the Association of Liposomes with Colon Carcinoma Cells" Z. Naturforsch. 56c, 872-877 (2001)						
	2	Blau et al., "Drug Targeting by Surface Cationization", Critical Reviews in Therapeutic Drug Carrier Systems, 17 (5):425-465 (2000)						
	3	Bromberg et al. "I 339-349 (2003)	ntelligent Polyelect	rolytes and	Gels in Oral Druç	Delivery*, Current Pharmaceutical Biotechr	nology, 4,	
	4					toxicity of liver macrophages induced by mul 1285, 219-228 (1996).	ramyl	
	5	Hayden et al. "Bir p443-451 (1990)	nding of Brush Boro	ler Myosin I	to Phospholipid '	√esicles*, The Journal of Cell Biology, Volun	ne 111,	

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	6	Jubeh et al. "The Effect Of Liposomal Charge Density, Dimensions, Incubation Time And Tissue Inflammation On The Mucoadhesion Properties Of Cationic Liposomes In The Rat Colon", AAPSPharmSci, Vol. 4, No.4, Abstract R6152 (2002) (Abstract)	
	7	Jubeh et al. "Differential Adhesion of Normal and Inflamed Rat Colonic Mucosa by Charged Liposomes", Pharmaceutical Research, Vol. 21, No.3, p.447-453 (2004)	
	8	Kim et al. "In Vitro Cytotoxic Effect of N.(Phosphonacetyl)-L.Aspartic Acid in Liposome Against C-26 Murine Colon Carcinoma", Arch Pharm Res Vol 23, No 2, p167-171 (2000)	
	9	Kiyotada et al. "Positively Charged Liposomes Containing Tumor Necrosis Factor in Solid Tumors*, Biol. Pharm. Bull. 23(3) p318-322 (2000)	
	10	Miller et al. "Liposome-Cell Interactions in Vitro: Effect of Liposome Surface Charge on the Binding and Endocytosis of Conventional and Sterically Stabilized Liposomes", Biochemistry 37, p12875-12883 (1998)	
	11	Nagashima. "Mechanisms of Action of Sucralfate", J. Clin Gastroenterol 3 (suppl 2): p117-127 (1981)	
	12	Rengel et al."High efficiency entrapment of superoxide dismutase into mucoadhesive chitosan-coated liposomes", European Journal of Pharmaceutical Sciences 15, p441-448 (2002)	
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